WHAT IS CLAIMED IS:

1	A composition for the treatment of an anorectal disorder, and for
2	controlling the pain associated therewith, said composition comprising a NO donor in
3	admixture with a second agent selected from the group consisting of phosphodiesterase
4	type II inhibitors, phosphodiesterase type IV ihhibitors, phosphodiesterase type V
5	inhibitors, nonspecific phosphodiesterase inhibitors, superoxide scavengers, β-adrenergic
6	agonists, cAMP-dependent protein kinase activators, α ₁ -adrenergic antagonists, estrogens,
7	ATP-sensitive K ⁺ channel activators and smooth muscle relaxants, with a
8	pharmaceutically acceptable carrier.
1	2. A composition in accordance with claim 1, wherein said NO donor
2	is selected from the group consisting of ntroglycerin, L-arginine, SNAP, GSNO and SIN-
3	1, and said second agent is a superoxide scavenger selected from the group consisting of
4	superoxide dismutase and chemical superoxide dismutase mimetics.
1	3. A composition in accordance with claim 1, wherein said carrier is
1 2	formulated for local application.
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1_	4. A composition in accordance with claim 1, wherein said second
2	agent is selected from the group consisting of phosphodiesterase type II inhibitors,
3	phosphodiesterase type IV inhibitors, phosphodiesterase type V inhibitors, and
4	nonspecific phosphodiesterase inhibitors.
1	5. A composition in accordance with claim 1, wherein said second
2	agent is selected from the group consisting of β-adrenergic agonists.
2	agent is selected from the group consisting of p-adrenergic agonists.
1	6. A composition in accordance with claim 5, wherein said β-
2	adrenergic agonist is selected from the group consisting of β ₂ -adrenergic agonists and
3	β_3 -adrenergic agonists.
1	7. A composition in accordance with claim 1, wherein said second
2	agent is selected from the group consisting of ATP-sensitive K ⁺ channel activators.
1	8. A composition for the treatment of an anorectal disorder, and for
2	controlling the pain associated therewith, said composition comprising a
3	phosphodiesterase inhibitor and a pharmaceutically acceptable carrier.

1	9. A composition in accordance with claim 8, wherein said
2	phosphodiesterase inhibitor is selected from the group consisting of phosphodiesterase
3	type II inhibitors, phosphodiesterase type IV nhibitors, phosphodiesterase type V
4	inhibitors, and nonspecific phosphodiesterase inhibitors.
1	10. A composition in adcordance with claim 9, further comprising an
2	agent selected from the group consisting $\phi f \beta$ -adrenergic agonists, cAMP-dependent
3	protein kinase activators, α ₁ -adrenergic antagonists, L-type Ca ²⁺ channel blockers,
4	estrogens, ATP-sensitive K ⁺ channel activators and smooth muscle relaxants.
1	A composition for the treatment of an anorectal disorder, and for
2	controlling the pain associated therewith, said composition comprising a β-adrenergic
3	agonist and a pharmaceutically acceptable carrier.
1	12. A composition in accordance with claim 11, wherein said β-
2	adrenergic agonist is specific for a receptor isoform selected from the group consisting of
3	β_2 , β_3 and combinations thereof.
1	13. A composition in accordance with claim 11, wherein said β-
2	adrenergic agonist is isoproterenol
1	14. A composition in accordance with claim 11, further comprising an
2	agent selected from the group consisting of cAMP-hydrolyzing PDE inhibitors,
3	nonspecific PDE inhibitors, α_1 -adrenergic antagonists, estrogens, L-type Ca ²⁺ channel
4	blockers, ATP-sensitive K ⁺ channel activators and smooth muscle relaxants.
1	15. A composition for the treatment of an anorectal disorder, and for
2	controlling the pain associated therewith, said composition comprising an ATP-sensitive
3	K ⁺ channel activator and a pharmaceutically acceptable carrier.
1	16. A composition in accordance with claim 15, further comprising an
2	agent selected from the group consisting of cAMP-dependent protein kinase activators,
3	estrogens, α_1 -adrenergic antagonists, L-type Ca ²⁺ channel blockers and smooth muscle
4	relaxants.

1	A composition for the treatment of an anorectal disorder, and for
2	controlling the pain associated therewith, said composition comprising an α_1 -adrenergic
3	antagonist and a pharmaceutically acceptable carrier.
1	18. A composition in accordance with claim 17, said composition
2	further comprising an agent selected from the group consisting of cAMP-hydrolyzing
3	phosphodiesterase inhibitors, estrogens and smooth muscle relaxants.
1	19. A composition in accordance with claim 17, wherein said cAMP-
2	hydrolyzing phosphodiesterase inhibitor is a phosphodiesterase type IV inhibitor.
1	20. A composition for the treatment of an anorectal disorder, and for
2	controlling the pain associated therewith said composition comprising a cAMP-dependent
3	protein kinase activator and an L-type ca ²⁺ channel blocker.
1	21. A composition for the treatment of an anorectal disorder, and for
2	controlling the pain associated therewith, said composition comprising a cGMP-
3	dependent protein kinase activator and a pharmaceutically acceptable carrier
1.	22. A composition for the treatment of an anorectal disorder, and for
2	controlling the pain associated therewith, said composition comprising a nonspecific
3	cyclic nucleotide-dependent protein kinase activator, optionally in admixture with a
4	smooth muscle relaxant.
1	23. A method of treating an anorectal disorder, and for controlling the
2	pain associated therewith, the method comprising administering to a subject in need of
3	such treatment a therapeutically effective amounts of a NO donor and a second agent
4	selected from the group consisting of phosphodiesterase type II inhibitors,
5	phosphodiesterase type IV inhibitors, phosphodiesterase type V inhibitors, nonspecific
6	phosphodiesterase inhibitors, superoxide scavengers, β-adrenergic agonists, cAMP-
7	dependent protein kinase activators, α1-adrenergic antagonists, estrogens, L-type Ca ²⁺
8	channel blockers, ATP-sensitive K ⁺ channel activators and smooth muscle relaxants.
1	24. A method in accordance with claim 23, wherein said NO donor and
2	said second agent are administered in combination.

1	25. A method in accordance with claim 23, wherein said second agent
2	is administered prior to said NO donor.
1	26. A method in accordance with claim 23, wherein said anorectal
2	disorder is an anal fissure.
1	27. A method of treating an anorectal disorder, and for controlling the
1	pain associated therewith, the method comprising administering to a subject in need of
2	such treatment a therapeutically effective amount of a composition comprising a
4	phosphodiesterase inhibitor.
1	28. A method in accordance with claim 27, further comprising
2	administering to said subject a second agent selected from the group consisting of β-
3	adrenergic agonists, cAMP-dependent protein kinase activators, α1-adrenergic
4	antagonists, estrogens, L-type Ca2+ charmel blockers, ATP-sensitive K+ channel activators
5	and smooth muscle relaxants.
1	A method of treating an anorectal disorder, and for controlling the
2	pain associated therewith, the method comprising administering to a subject in need of
3	such treatment a therapeutically effective amount of a composition comprising a β-
4	adrenergic agonist.
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1	30. A method in accordance with claim 29, further comprising
2	administering to said subject a second agent selected from the group consisting of cAMP-
3	dependent protein kinase activators, d ₁ -adrenergic antagonists, estrogens, L-type Ca ²⁺
4	channel blockers, ATP-sensitive K ⁺ channel activators and smooth muscle relaxants.
1	31. A method of treating an anorectal disorder, and for controlling the
2	pain associated therewith, the method comprising administering to a subject in need of
3	such treatment a therapeutically effective amount of a composition comprising an ATP-
4	sensitive potassium channel opener and an agent that promotes cAMP-mediated anal
5	sphincter relaxation.
1	A method of treating an anorectal disorder, and for controlling the
2	pain associated therewith, the method comprising administering to a subject in need of
3	such treatment a therapeutically effective amount of a composition comprising a

- potassium channel opener, wherein said therapeutically effective amount decreases

 hypertonicity of an anal sphincter muscle of the subject.
- pain associated therewith, the method comprising administering to a subject in need of such treatment a therapeutically effective amount of a composition comprising a pharmaceutically acceptable carrier and an agent which increases a level of cyclic guanidine monophosphate or cyclic adenosine monophosphate in a tissue of an anal sphincter muscle of the subject, thereby decreasing hypertonicity of the anal sphincter muscle of the subject.

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